

GUIDE FOR THE WPC/NCEP/NWS INTERNATIONAL DESKS END-OF-TRAINING PRESENTATION

What is the end-of-training presentation?

It is a presentation that International Desk visitors must prepare and give usually sometime during the last three weeks of the training. The presentation should be very short (10-12 minutes) and should focus on a case study of particular interest. The topic is free and the presentation can be given in English, Spanish or Portuguese. The objectives of the presentation are the following:

- (1) **To document concisely some of the forecast methods learned during the training and applying them to a meteorological event of interest.** This promotes the revision and reorganization of ideas and notes, consolidates the information learned, and leads to a document that can be revisited in the future.
- (2) **To enhance the skill on learned analysis techniques.** Preparing the case study requires thorough revision and application of some of the techniques learned during the training, such as the software WINGRIDDS;
- (3) **To practice briefing an audience.** Presenting summarized information in front of an audience of different backgrounds promotes communication skills;
- (4) **To share knowledge and meet people.** The presentation allows sharing the work and interacting with peers, receiving some feedback, and demonstrating skills as a weather forecaster.

Presentation Instructions

The presentation will center in a case study of choice, and will not last longer than 12 minutes. It is thus recommended that the presentation contains no more than 10-14 slides. The date for the presentation will be given during the last month of the training, but it will within the last three weeks of the training.

Case to present: The visitor is free to choose any case they would like. Ideally, it should be an interesting situation that occurred during the period of the training, but the choice is flexible.

How to present the case: The topic should be presented as if telling a story. First introducing the audience to the region of interest, then showing what happened, displaying the meteorological analysis of the situation, and the forecast using the knowledge and techniques learned at the desks that are relevant for the particular case.

Optional guide for the presentation:

- (1) Brief personal introduction: Name, country and institution, main work duties, training desk (Tropical or South American), how would you apply your work (1 slide).
- (2) Case Study: Remaining slides (8 to 10)
 - a. Geography of the region of study.
 - b. What happened? Which were the impacts? How unusual was the event?
 - c. Synoptic context. Which systems led to the development of the event?
 - d. Key processes for forecasting the event, based upon the experience gained at the desks. Where any of the following processes/systems/features playing a role: MJO, El Niño, upper jets, low-level jets, upper troughs, ridges, waves in the trades, fronts, shear lines, pre-frontal troughs, topographic forcing or others? Illustrate how the players interacted to produce the weather event described. Aim to present the topic from the perspective of the International Desks forecasting methods.
- (3) Conclusions (1 slide).